NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8

SBR No: 40/14-15

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192431 30.04.2014

First & Final

Serial No. BR-41/30 4/14 Floor

Name of work Construction of CC Road at Kerosine Bunk Surroundings Roads in ward no-20 Vidyaranyapura Sub-division.

Name of Contractor or nature of Agency KRIDL.

Date of commencement of work

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Work code No: 020-14-000048.						
	Work order No: EE/BTP/BBMP/KRIDL/WO/622/2013-14. Date-05-03-2014.						
	Head of Account: P-0190.						
	Est cost: 35.00 Lakhs						
	Address of Agency: #119, 11th cross Road, Silvestra Arched, 3rd Floor, East Park Road Malleshwaram, Bangalore-03.						

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Measurement Recorded on 5/3/2014.						
	1) Earth work excavation by manual means in Hard soil involving an average horizontal throw upto 2 meters						
	Kerosene Bunk Surroundings						
	1st cross	1	x30.00x(5.2+5.10)/2		x0.15 =	23.18cum	
		1	x29.00x(5.10+5.10)/2		x0.15 =	22.19cum	
	2nd cross	1	x30.00x(5.3+6.0)/2		x0.15 =	25.43cum	
		1	x25.90x(6.0+5.70)/2		x0.15 =	22.73cum	
	3rd cross	1	x30.00x(5.9+6.0)/2		x0.15 =	26.78cum	
		1	x26.65x(6.0+5.90)/2		x0.15 =	23.79cum	

Serial No. .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Num
1	2	3
	4th cross	1
		1
	5th cross	1
		1
		1
	Culverts	

T BOOK

nsions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
olu. nd in		Hard soil involving an	
5.2+5.10)/2	x 0.15 =	23.18 cum	
5.10+5.10)/2	x 0.15 =	22.19 cum	
5.3+6.0)/2	x 0.15 =	25.43 cum	
6.0+5.70)/2	x 0.15 =	22.73 cum	
5.9+6.0)/2	x 0.15 =	26.78 cum	
6.0+5.90)/2	x 0.15 =	23.79 cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192432

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	4th CROSS	1	x30.00 x (6.0+5.90)/2		x 0.15 =	26.78 cum	
		1	x27.50 x (5.9+5.90)/2		x 0.15 =	24.34 cum	
	5th CROSS	1	x30.00 x (7.3+7.30)/2		x 0.15 =	33.30 cum	
		1	x25.60 x (7.5+6.30)/2		x 0.15 =	26.50 cum	
		1	x22.00 x (5.5+5.30)/2		x 0.15 =	17.82 cum	
	Culverts	1	x5.10	x2.00	x1.10 =	11.22 cum	
		1	x5.65	x2.00	x1.10 =	12.43 cum	
		1	x5.90	x2.00	x1.10 =	12.98 cum	
		1	x5.95	x2.00	x1.10 =	13.09 cum	

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	x6.25	x2.00	x1.10 =	13.75 Cum	
					Total =	336.27 Cum	
					qty limited to tender =	322.23 Cum	
					@ Rs 90.72	Rs 29233.00	
						Sadhoo AE 5/3/2014	
2)	Measurement continued on 10/3/2014 (10/03/14)						
	construction of embankment with approved material gravel / murram with all lifts and leads transporting to site spreading, grading to required slope and compaction.						
	Kerosene Bunk Surrounding						
	1st cross	1	x30.00x(5.20+5.10)/2		x0.30 =	46.35 Cum	
		1	x29.00x(5.10+5.10)/2		x0.30 =	44.37 Cum	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂ
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿ
ಯಲಹಂಕ ವಲಯ
ಬಿ. ಬಿ.ಎಂ ಪಾ., ಬೆಂಗಳೂ

M. A. R
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Serial No. .....
Name of work ..... From .
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	2nd cross	1
		1
	3rd cross	1
		1
	4th cross	1
		1
	5th cross	1

BOOK

ns		Contents	Reference to last Measurement
eadth 5	Depth 6	7	8
.00 x 1.10 =		13.75 Cum	
Total =		336.27 Cum	
to tender =		322.23 Cum	
.72		Rs 29233.00	
Sadhan AE		5/3/2014	
ed material gravel / Murram with preparing, grading to required slope			
20+5.10 / 2 x 0.30 =		46.35 Cum	
5.10+5.10 / 2 x 0.30 =		44.37 Cum	

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ
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M. A. R. 57 (Rule 116)
Measurement Book

No. B 192433

Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions: Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	2nd cross	1	x 30.00 x (5.3+6.0)/2		x 0.30 =	50.85 Cum	
		1	x 28.90 x (6.0+5.70)/2		x 0.30 =	49.45 Cum	
	3rd cross	1	x 30.00 x (5.9+6.0)/2		x 0.30 =	53.55 Cum	
		1	x 26.65 x (6.0+5.90)/2		x 0.30 =	47.57 Cum	
	4th cross	1	x 30.00 x (6.0+5.90)/2		x 0.30 =	53.55 Cum	
		1	x 27.50 x (5.9+5.90)/2		x 0.30 =	48.68 Cum	
	5th cross	1	x 22.00 x (5.5+5.30)/2		x 0.30 =	66.60 Cum	

CFC

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
		1	x 25.60 x (7.5+6.30)/2		x 0.30	= 52.99 Cum	
		1	x 22.00 x (5.5+5.30)/2		x 0.30	= 35.64 Cum	
					Total	= 545.60 Cum	
					Qty limited to Tender	= 545.46 Cum	
					@ Rs 163.24	Rs 89041.00	
						Jadhav AE 10/3/2014	
3)	Measurement continued on 12/3/2014						
	Providing and laying in position plain cement concrete of mix M7.5 with opc cement @ 180kgs using 40mm and down size graded granite metal coarse aggregates						
	Kerosene Bunk Surrounding 1st cross						
		1	x 30.00 x (5.2+5.10)/2		x 0.15	= 23.18 Cum	
		1	x 29.00 x (5.10+5.10)/2		x 0.15	= 22.19 Cum	

M. A. R. 57 (Ru
Measurement

Serial No. .....

Name of work ..... From .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Dimens	
		Number	Length
1	2	3	4
	2nd cross	1	x 30.00 x (
		1	x 25.90 x (
	3rd cross	1	x 30.00 x (
		1	x 26.65 x (
	4th cross	1	x 30.00 x (
		1	x 27.50 x (
	5th cross	1	x 30.00 x (

ENT BOOK

Dimensions			Contents	Reference to last Measurement
th	Breadth 5	Depth 6	7	8
			essible fibre board in expansion technical.	
			= 10.40 Meter	
			= 10.10 Meter	
			= 10.20 Meter	
			= 10.60 Meter	
			= 12.00 Meter	
			= 16.95 Meter	
			= 11.80 Meter	
			= 12.00 Meter	
			= 11.80 Meter	
			= 12.00 Meter	
			= 11.70 Meter	

C/F

M. A. R. 57 (Rule 116)
Measurement Book

No. B

192438

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
		2	x 5.95			= 11.90 Meter	
		2	x 7.30			= 14.60 Meter	
		2	x 7.50			= 15.00 Meter	
		2	x 6.25			= 12.50 Meter	
					Total =	183.55 Meter	
					Qty limited to Tender =	181.80 Meter	
					@ Rs 137.16	Rs 24936.00	
	30/04/14					Sadhna	
	8) Providing and laying cement concrete using 20mm and down size granite stone jelly of ready mixed concrete (RMC) for R.C.C. work laid on I Scng floor						

C/F

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	layers and well compacted.						
	Kerosene Bunk Surrounding						
	1st coat	1					
		1	x30.00x(5.2+5.10)/2 x0.10 =			15.45 Cum	
		1	x28.00x(5.10+5.10)/2 x0.10 =			14.79 Cum	
	2nd coat	1	x30.00x(5.3+6.0)/2 x0.10 =			16.95 Cum	
		1	x25.90x(6.0+5.70)/2 x0.10 =			15.15 Cum	
	3rd coat	1	x30.00x(5.9+6.0)/2 x0.10 =			17.85 Cum	
		1	x26.65x(6.0+5.90)/2 x0.10 =			15.86 Cum	
	4th coat	1	x30.00x(6.0+5.95)/2 x0.10 =			17.85 Cum	

C&Fc

M. A.
Mea

Serial No. .....
Name of work .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	5th coat	1
		1
		1
		1

C&Fc

Exe. Engr.
Bldg. Dn.

MENT BOOK

Dimensions			Contents	Reference to last Measurement
ngth 4	Breadth 5	Depth 6	7	8
00x(5.2+5.10)/2 x0.10 =			15.45 Cum	
0x(5.10+5.40)/2 x0.10 =			14.79 Cum	
ox(5.3+6.0)/2 x0.10 =			16.95 Cum	
x(6.0+5.70)/2 x0.10 =			15.15 Cum	
x(5.9+6.0)/2 x0.10 =			17.85 Cum	
x(6.0+5.9)/2 x0.10 =			15.86 Cum	
x(6.0+5.90)/2 x0.10 =			17.85 Cum	

M. A. R. 57 (Rule 116)
Measurement Book

No. B 192439

Serial No. .....
Name of work ..... From ..... To .....
Name of Contractor of nature of Agency.....
Date of commencement of work.....

Date	Full description, etc, of work	Number	Dimensions			Contents	Reference to last Measurement
			Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	5th Const	1	x27.50x(5.9+5.9)/2		x0.10 =	16.23 Cum	
		1	x30.00x(7.3+7.50)/2		x0.10 =	22.20 Cum	
		1	x25.60x(7.5+6.30)/2		x0.10 =	17.66 Cum	
		1	x22.00x(5.5+5.30)/2		x0.10 =	11.88 Cum	
					Total =	181.87 Cum	
			Qty limited to Tender =			181.82 Cum	
			@ Rs 6464.88			Rs 1175444.00	

C&FC

C&FC

Exe. Engr.
Stp. Dn.

30/04/14

Jadhao
AE 30/4/2014

ENT BOOK

mensions			Contents	Reference to last Measurement
n	Breadth 5	Depth 6	7	8
			tender = 1818.20 Sqm	
80				RS 166911.00
			Sadhu AE 30/4/2014	
			Payable at carriage rates by	
ng			and Unloading from 0.00 to 2KM	
			= 225.56 Sqm	
2.71				RS 16400.00
			Sub Total RS	3124855.00

M. A. R. 57 (Rule 116)
Measurement Book

No. B

192441

Serial No. .....

Name of work ..... From ..... To .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Dimensions Number 3	Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Add LL for KRIDL Charges					RS 343734.00	
	Add 1% for QC Charges					RS 31249.00	
						Total RS 3499838.00	
	(Rupees Thirty four Lakhs ninety nine Thousand eight hundred Thirty eight only)						34,68,641=00
						Sadhu AE 30/4/2014	

30/4

ಸಹಾಯಕ ಕಾರ್ಯನಿರ್ವಾಹಕ ಅಭಿಯಂತರರು,
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ಪಲಂಯ,

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Contents	Reference to last Measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
	Certificate :-						
	Certified that the above works done satisfactory and no materials issued from departmentaly						
	Jadhav AE 30/4/2014						
	ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ, ಯಲಹಂಕ ವಲಯ, ಬೃ.ಬೆಂ.ಮ.ಪಾ., ಬೆಂಗಳೂರು-97.						

M. A.
Mea

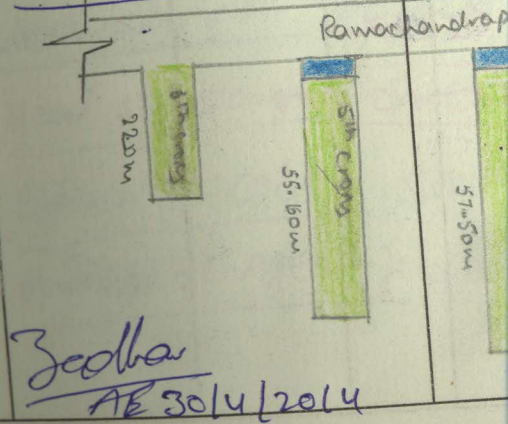
Serial No. ..... From

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date	Full description, etc, of work	Number
1	2	3
	Sketch. Showing the wo	



Jadhav
AE 30/4/2014

NT BOOK

ensions		Contents	Reference to last Measurement
Breadth 5	Depth 6	7	8
		done satisfactory and no epartmentally Jadhav AE 30/4/2014	

M. A. R. 57 (Rule 116)
Measurement Book

No. B

192442

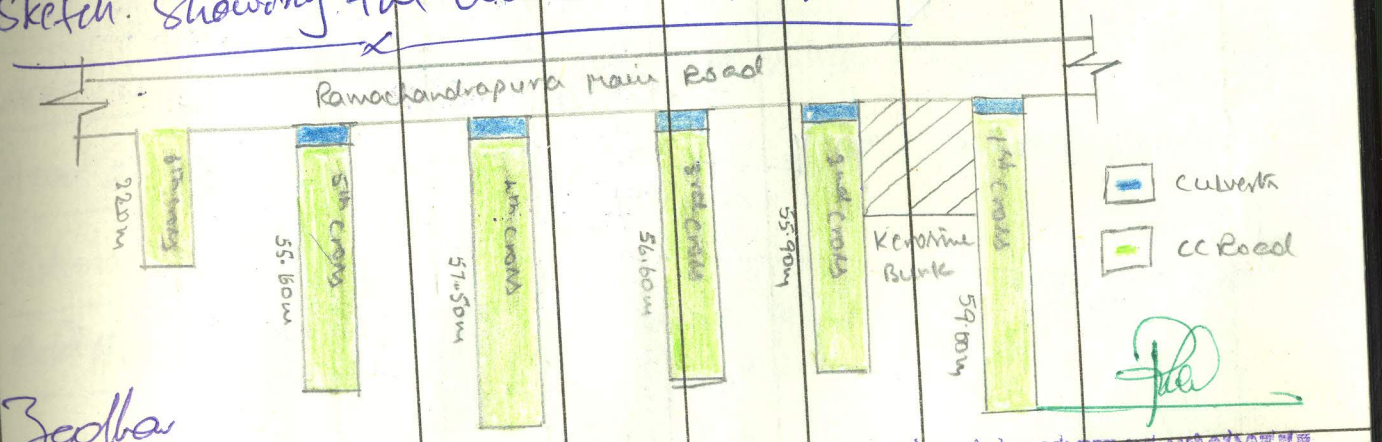
Serial No. ..... From ..... To .....

Name of work .....

Name of Contractor of nature of Agency.....

Date of commencement of work.....

Date 1	Full description, etc, of work 2	Number 3	Dimensions Length 4	Breadth 5	Depth 6	Contents 7	Reference to last Measurement 8
	Sketch showing the work done Spot ✓						



Jadhav
AE 30/4/2014

ಸಹಾಯಕ ಕಾರ್ಯಪಾಲಕ ಅಭಿಯಂತರರು
ವಿದ್ಯಾರಣ್ಯಪುರ ಉಪ ವಿಭಾಗ
ಯಲಹಂಕ ವಲಯ

MEASUREMENT BOOK

Date	Full description, etc, of work	Dimensions				Content	Reference to last measurement
		Number	Length	Breadth	Depth		
1	2	3	4	5	6	7	8
				ST – 69373			
				VAT – 138746			
				SB 225462			
				WC 34686			
				CST – 3469			
				Roy 65377			
				Total 537113 =00			
				2			

First & Final Bill

Serial No. BR – 43 30 4/14

Name of work Improvements to 3 Bed

Name of Contractor of nature of Agency KRI

Date of commencement of work

Date	Full description, etc, of work	Numb
1	2	3
	Work Code no:	010-14
	Work order no:	EE/BTP/
	Head of Account:	P-01
	Estimated cost:	30.0
	Address of Agency:	#11 E